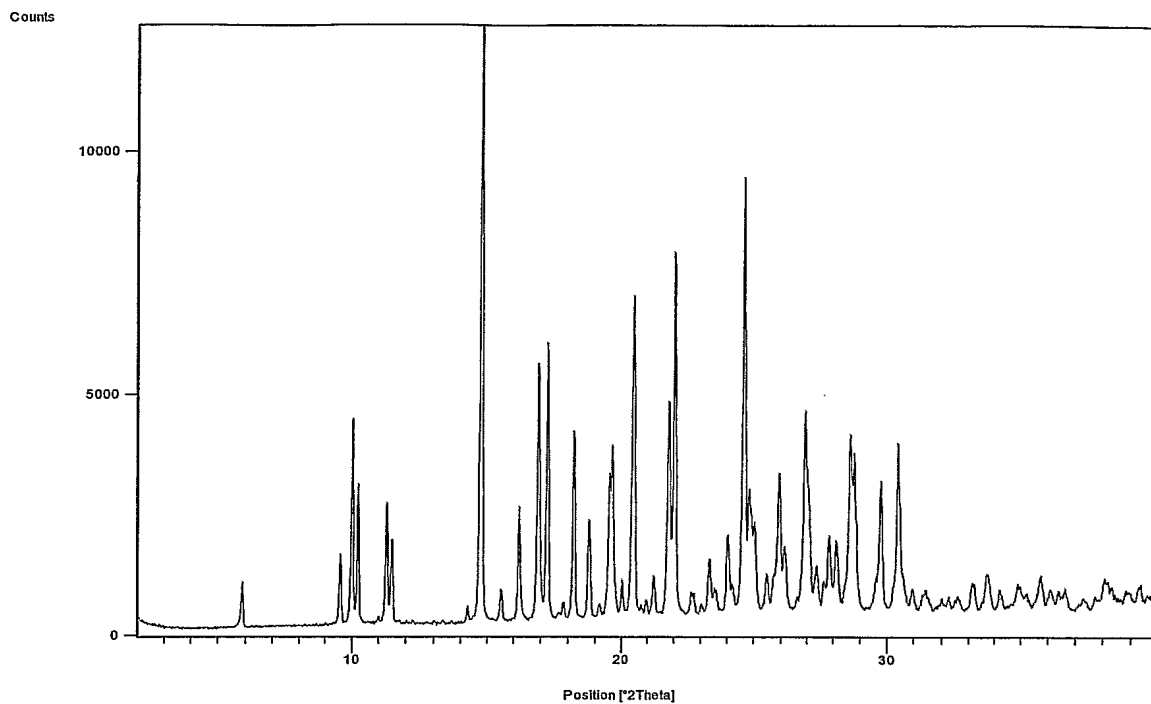
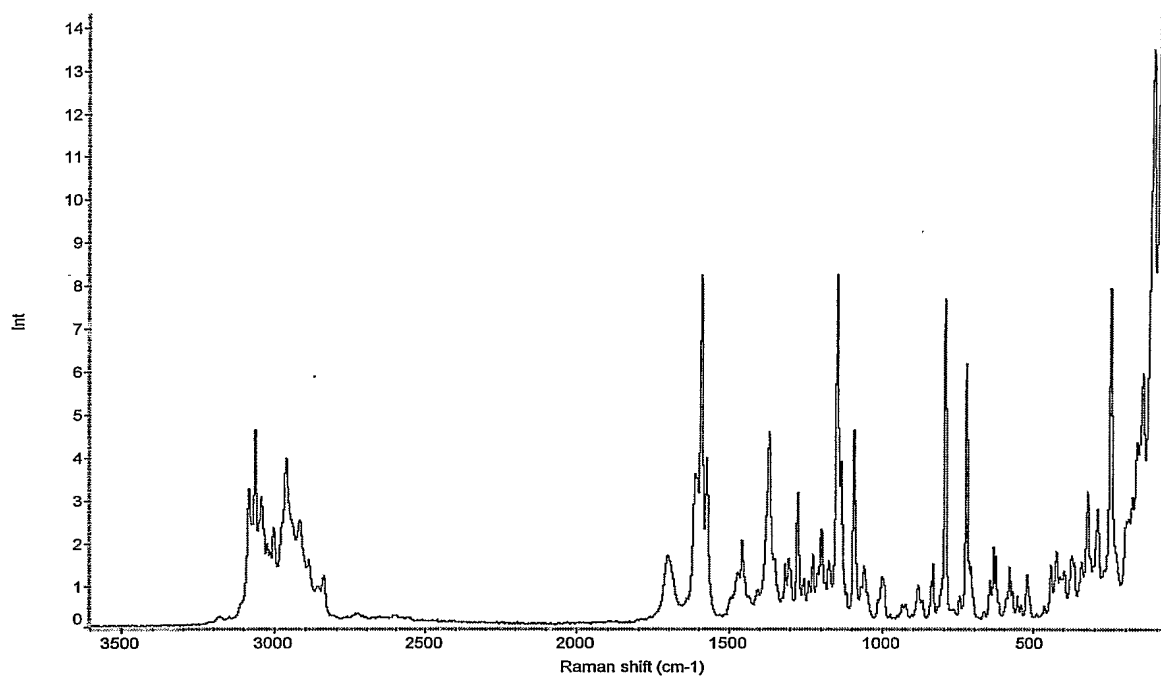


**Figure 1:** X-Ray powder diffraction (XRPD) for 7-[4-(4-Chlorobenzoyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium maleate. XRPD angles and d spacings are recorded in Table 1.

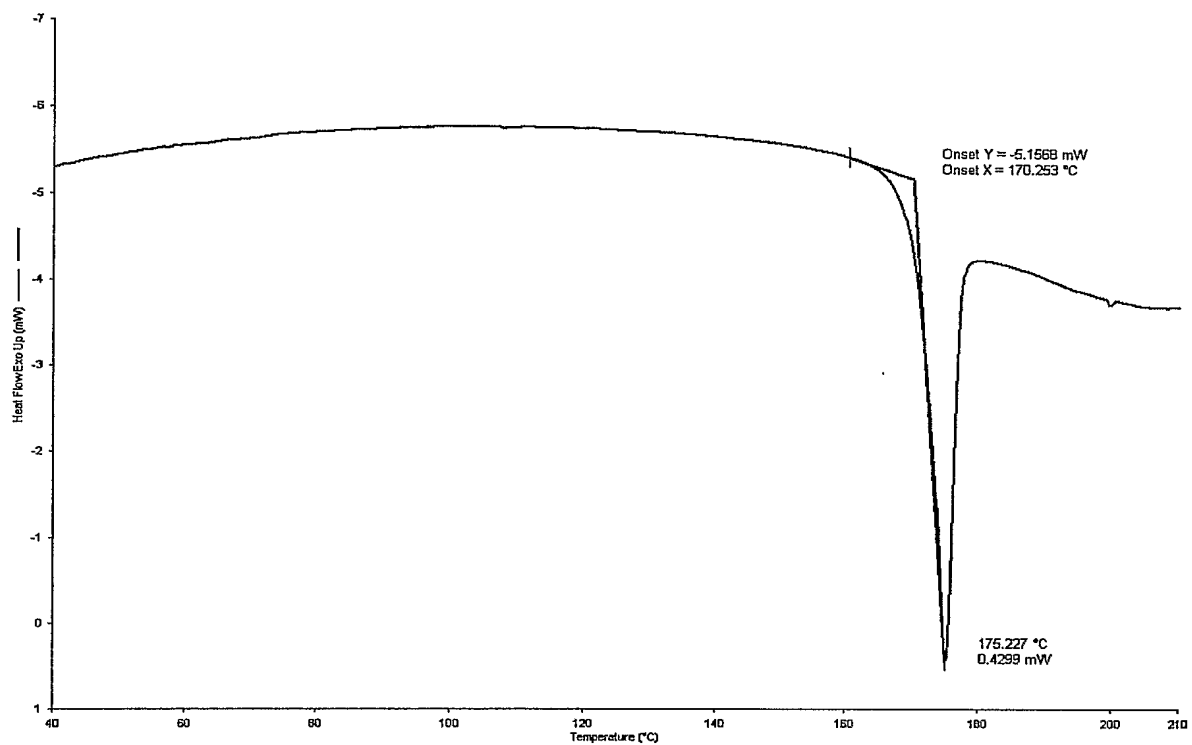


**Figure 2:** Raman spectrum of 7-[4-(4-Chlorobenzyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium maleate

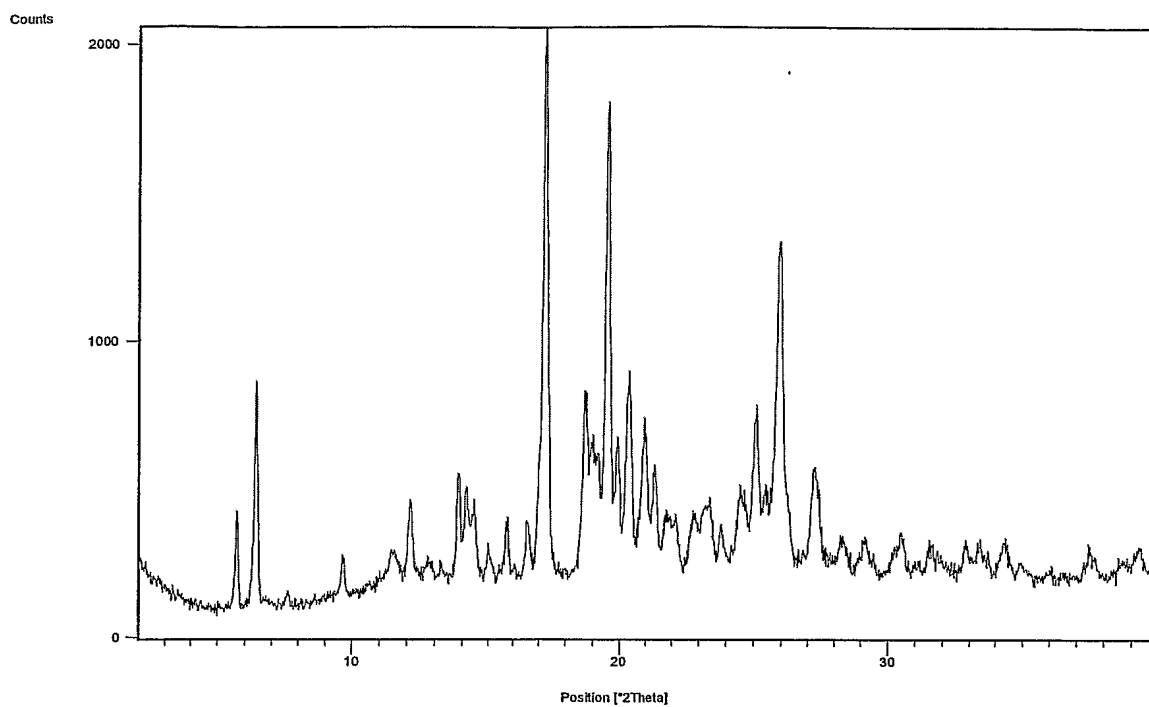


Bands were observed at: 3082, 3062, 3042, 3002, 2963, 2918, 2843, 1702, 1611, 1590, 1574, 1459, 1369, 1316, 1305, 1276, 1256, 1239, 1226, 1199, 1176, 1148, 1136, 1093, 1060, 1000, 924, 883, 836, 795, 750, 727, 648, 636, 628, 582, 555, 520, 441, 421, 396, 372, 341, 322, 289, 247, 178, 162, 144, 113, 93 cm<sup>-1</sup>.

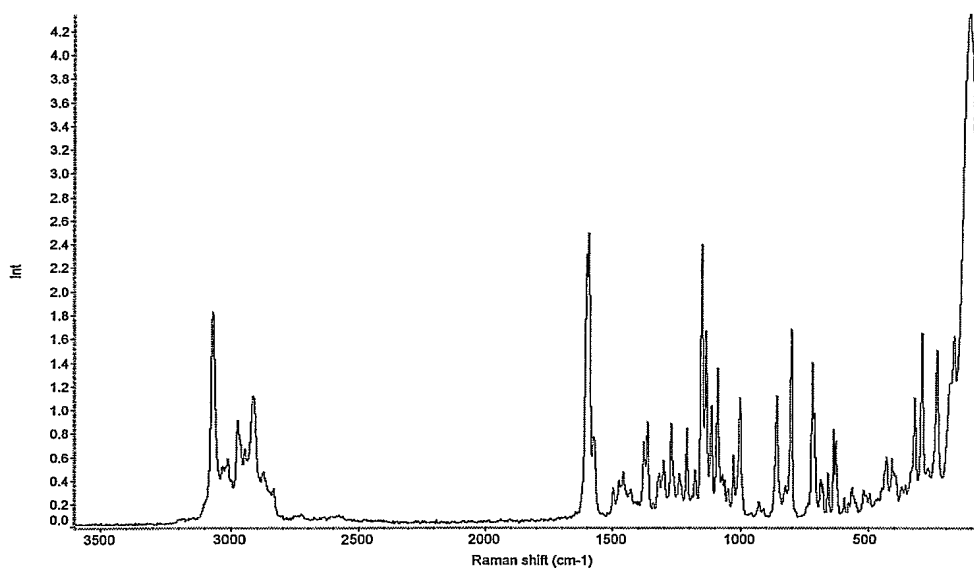
**Figure 3:** Differential Scanning Calorimetry (DSC) thermogram of 7-[4-(4-Chloro-benzyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1H-3-benzazepinium maleate



**Figure 4:** XRPD for 7-[4-(4-Chlorobenzyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium tosylate. XRPD angles and d spacings are recorded in Table 2.

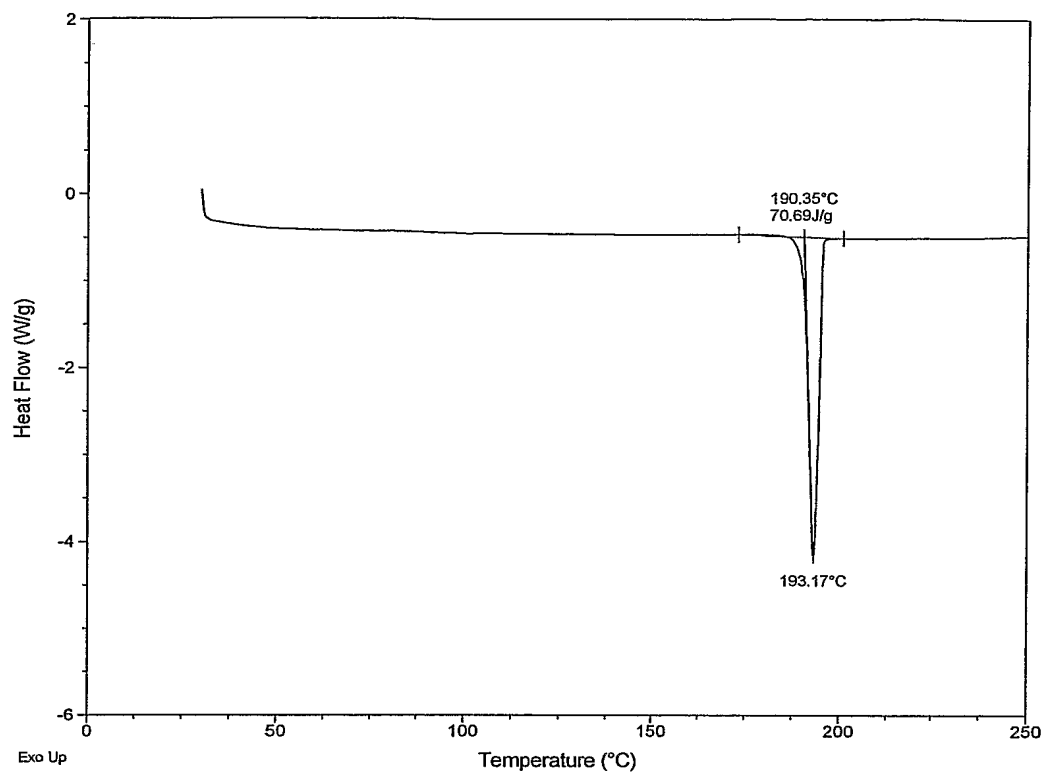


**Figure 5:** Raman spectrum of 7-[4-(4-Chlorobenzoyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium tosylate.

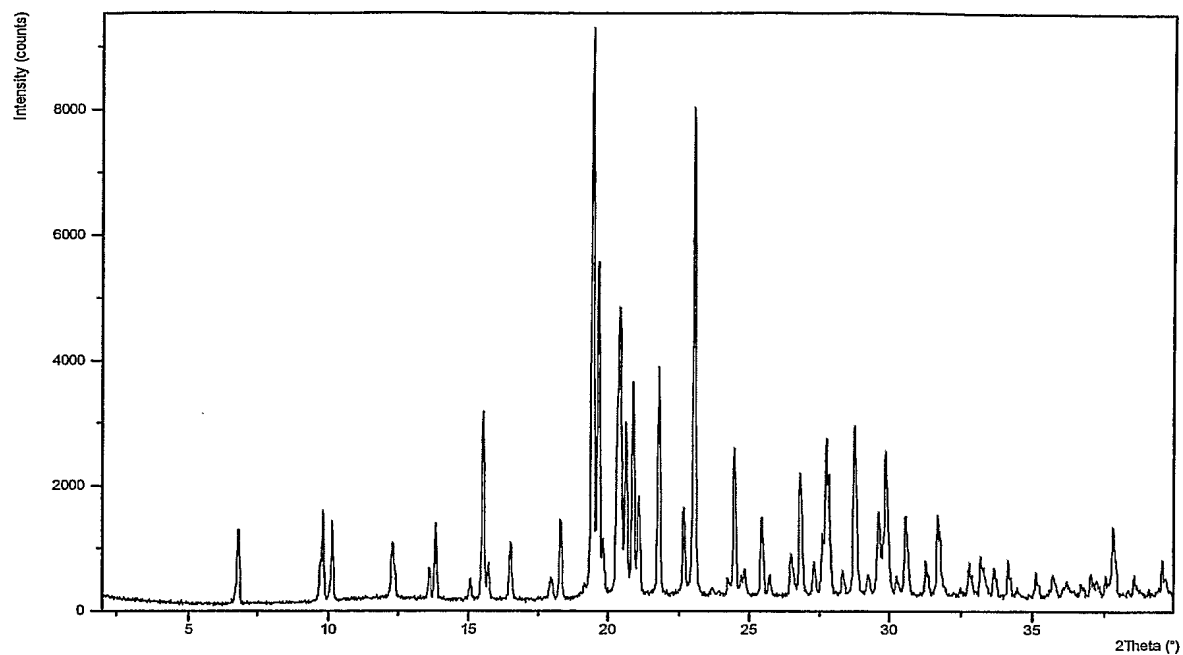


Bands were observed at: 3068, 3012, 2975, 2947, 2915, 2877, 1600, 1592, 1575, 1495, 1457, 1379, 1365, 1319, 1301, 1272, 1240, 1210, 1178, 1151, 1135, 1113, 1090, 1049, 1027, 1003, 927, 859, 801, 721, 689, 659, 637, 627, 593, 564, 518, 495, 430, 408, 320, 293, 236, 168, 109  $\text{cm}^{-1}$ .

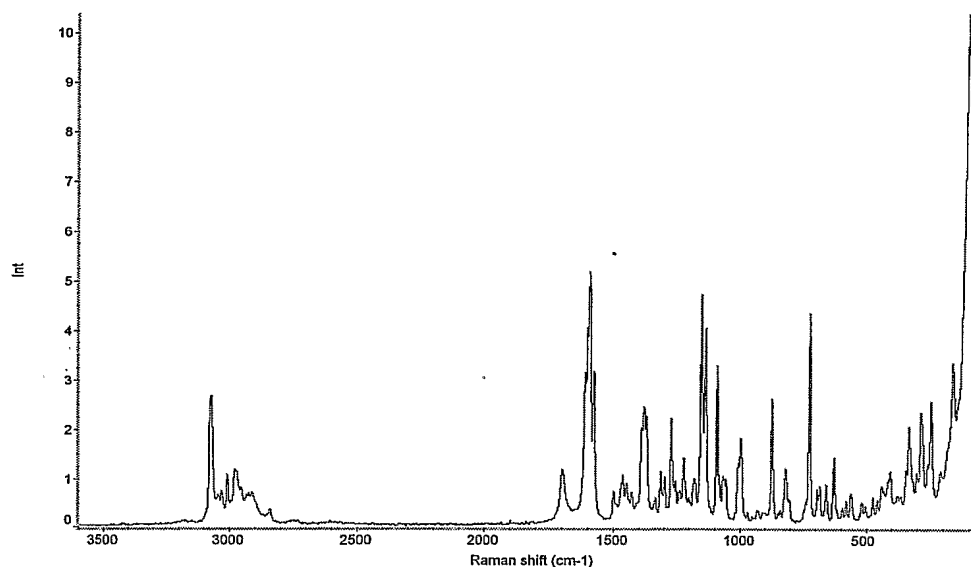
**Figure 6:** DSC thermogram of 7-[4-(4-Chlorobenzyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium tosylate



**Figure 7:** XRPD for 7-[4-(4-Chlorobenzoyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium maleate, dihydrate. XRPD angles and d spacings are recorded in Table 3.



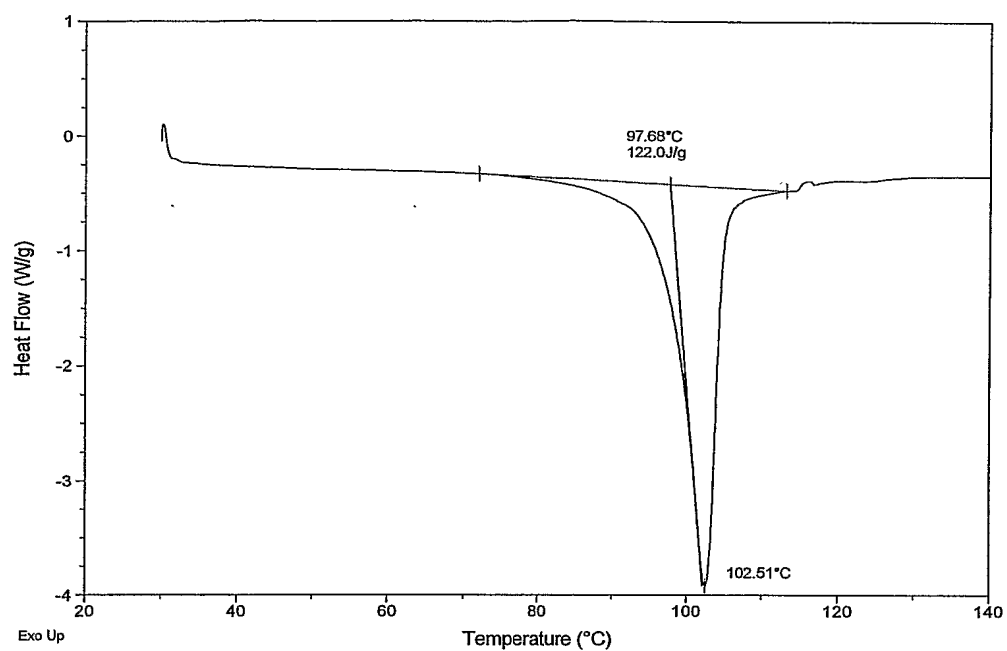
**Figure 8:** Raman spectrum of 7-[4-(4-Chlorobenzoyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium maleate, dihydrate



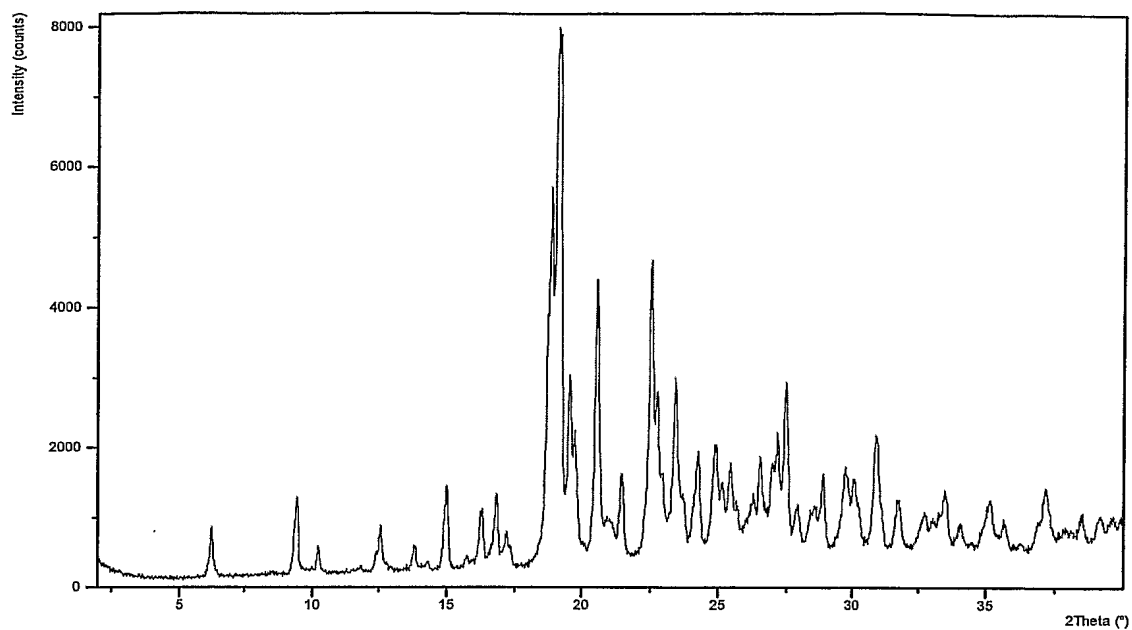
Bands were observed at: 3070, 3030, 3007, 2977, 2912, 1697, 1609, 1600, 1591, 1575, 1498, 1464, 1449, 1428, 1380, 1370, 1334, 1314, 1298, 1271, 1238, 1221, 1178, 1152, 1136, 1092, 1068, 996, 871, 817, 723, 693, 684, 659, 629, 580, 561, 519, 475, 456, 438, 404, 332, 300, 284, 246, 164, 105, 87 cm<sup>-1</sup>.



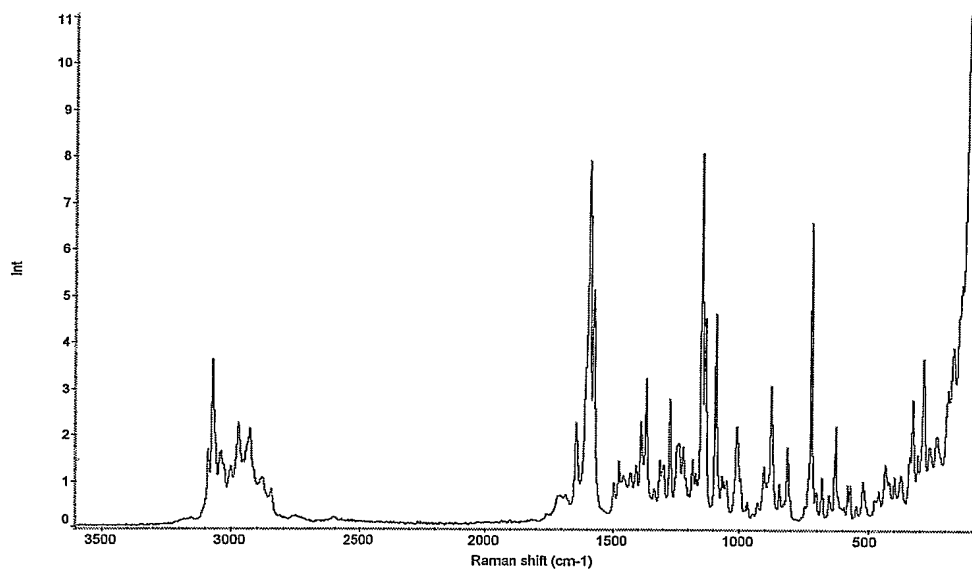
**Figure 9:** DSC thermogram of 7-[4-(4-Chlorobenzoyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium maleate, dihydrate



**Figure 10:** XRPD for 7-[4-(4-Chlorobenzyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium maleate, acetic acid solvate. XRPD angles and d spacings are recorded in Table 4.



**Figure 11:** Raman spectrum of 7-[4-(4-Chlorobenzoyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium maleate, acetic acid solvate



Bands were observed at: 3088, 3070, 3040, 3000, 2972, 2927, 2849, 1683, 1643, 1591, 1576, 1496, 1477, 1431, 1409, 1389, 1368, 1335, 1313, 1298, 1272, 1238, 1220, 1182, 1170, 1147, 1132, 1090, 1067, 1009, 968, 902, 873, 842, 811, 723, 704, 682, 655, 629, 578, 569, 521, 459, 434, 398, 374, 328, 308, 284, 260, 234, 189, 170, 114, 92 cm<sup>-1</sup>.

**Figure 12:** DSC thermogram of 7-[4-(4-Chlorobenzoyloxy)benzenesulfonyl]-8-methoxy-3-methyl-2,3,4,5-tetrahydro-1*H*-3-benzazepinium maleate, acetic acid solvate

